

Applicant : Roland Frans Cyrille Cornelius Vanblaere et al.

Attorney's Docket No.: 17042-0006US1 / CMJ/MBX

P67265US00

Serial No. : 10/542,831

Filed : September 22, 2005

Page : 4 of 13

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (currently amended) A pressure package system for pressurizing a fluid to be delivered, the system comprising:

a pressure package comprising:

 a product chamber for holding the fluid, and

 a working pressure chamber for holding a propellant at a working pressure,

 a high-pressure chamber connected to the working pressure chamber by a pressure controller, the high-pressure chamber configured to hold propellant in supply at a pressure higher than the working pressure, and

 a wall movable relative to the pressure controller, at least a portion of a first side of the wall bounding the working pressure chamber and a second side of the wall facing away from the working pressure chamber, at least a portion of the second side of the wall bounding the product chamber;

 wherein, the pressure controller is configured to supply the propellant from the high-pressure chamber to the working pressure chamber to maintain keep the working pressure in the working pressure chamber substantially constant and the supply of propellant to the working pressure chamber is determined based on a reference pressure of a reference fluid.

2. (original) A pressure package according to claim 1, characterized in that the pressure package comprises a provision for opening the pressure package for the purpose of allowing fluid operatively contained in the product chamber to flow out of the product chamber.

Applicant : Roland Frans Cyrille Cornelius Vanblaere

et al.

Serial No. : 10/542,831

Filed : September 22, 2005

Page : 5 of 13

Attorney's Docket No.: 17042-0006US1 / CMJ/MBX

P67265US00

3. (previously presented) A pressure package according to claim 1, characterized in that the wall is designed to be movable relative to the pressure package.

4. (previously presented) A pressure package according to claim 2, characterized in that the wall comprises a plunger.

5. (withdrawn) A pressure package system according to claim 1, characterized in that the first side of the wall bounds the working pressure chamber substantially completely.

6. (previously presented) A pressure package according to claim 1, characterized in that the product chamber is further bounded partly by the pressure package.

7. (withdrawn) A pressure package system according to claim 1, characterized in that the working pressure chamber comprises an inner space of a balloon in which, in use, the propellant can be received.

8. (withdrawn) A pressure package system according to claim 1, characterized in that the working pressure chamber comprises an inner space of a bellows in which, in use, the propellant can be received.

9. (withdrawn) A pressure package system according to claim 1, characterized in that the second side of the wall bounds the product chamber at least substantially completely.

10. (withdrawn) A pressure package system according to claim 9, characterized in that the working pressure chamber is further at least partly bounded by inner walls of the pressure package.

Applicant : Roland Frans Cyrille Cornelius Vanblaere et al.

Attorney's Docket No.: 17042-0006US1 / CMJ/MBX
P67265US00

Serial No. : 10/542,831

Filed : September 22, 2005

Page : 6 of 13

11. (withdrawn) A pressure package system according to claim 9, characterized in that the product chamber comprises a bag with an opening, the opening linking up with the provision arranged in the pressure package for opening the pressure package.

12. (withdrawn) A pressure package system according to claim 11, characterized in that the bag is manufactured from a material having a low coefficient of friction.

13. (withdrawn) A pressure package system according to claim 2, characterized in that the product chamber comprises a bellows with an opening, the opening linking up with the provision arranged in the pressure package for opening the pressure package.

14. (previously presented) A pressure package system according to claim 1, characterized in that in the high-pressure chamber a propellant is included.

15. (original) A pressure package system according to claim 14, characterized in that the propellant comprises a relatively inert gas.

16. (original) A pressure package system according to claim 15, characterized in that the relatively inert gas comprises a gas from the group consisting of nitrogen and carbon dioxide.

17. (previously presented) A pressure package system according to claim 1, characterized in that the system is of multi-part design, with a first part comprising the pressure package and a second part comprising the pressure controller with the high-pressure chamber.

18. (original) A pressure package system according to claim 17, characterized in that the first part and the second part are integrally connected with each other.

Applicant : Roland Frans Cyrille Cornelius Vanblaere et al.

Serial No. : 10/542,831

Filed : September 22, 2005

Page : 7 of 13

Attorney's Docket No.: 17042-0006US1 / CMJ/MBX
P67265US00

19. (original) A pressure package system according to claim 17, characterized in that the first part and the second part are designed as loose items and are connectable with each other for use.
20. (previously presented) A pressure package system according to claim 1, characterized in that in use the pressure controller is fixed with respect to the pressure package.
21. (previously presented) A pressure package system according to claim 2, characterized in that the pressure package is substantially cylinder-shaped, the pressure package being provided with a first and a second end, the pressure package being further provided with an inlet opening for the propellant situated adjacent the first end and wherein the provision for opening the pressure package is situated adjacent the second end.
22. (withdrawn) A pressure package system according to claim 7, characterized in that the balloon is designed such that the balloon, while being filled with propellant, stretches substantially in an axial direction of the pressure package.
23. (withdrawn) A pressure package system according to claim 8, characterized in that the bellows is so designed that the bellows, when being filled with propellant, expands substantially in an axial direction of the pressure package.
24. (previously presented) A pressure package system according to claim 1, characterized in that the pressure package is made of box-like design.
25. (previously presented) A pressure package system according to claim 1, characterized in that the pressure package is manufactured substantially from a plastic material.
26. (previously presented) A pressure package system according to claim 1, characterized in that the pressure controller is fixed with respect to an inner wall of the high-pressure chamber.

27. (currently amended) An article for pressurizing a fluid to be delivered, comprising:
- a product chamber configured to hold the fluid,
 - a working propellant chamber having a movable wall in communication with the fluid and configured to hold propellant at a working pressure, and
 - a reservoir propellant chamber connected to the working propellant chamber by a pressure controller and configured to hold propellant at a pressure higher than the working pressure;
- wherein, upon release of fluid from the product chamber, the moveable movable wall is configured to move to decrease a volume of the product chamber and the pressure controller is configured to deliver propellant from the reservoir propellant chamber to the working propellant chamber to maintain keep the working pressure within the working propellant chamber substantially constant.
28. (previously presented) The article of claim 27, wherein the pressure controller comprises a pressure control chamber configured to hold a fluid having a reference pressure and the working pressure is determined by the reference pressure.
29. (withdrawn) The article of claim 27, wherein the moveable movable wall is elastic.
30. (withdrawn) The article of claim 27, wherein the moveable movable wall comprises a bellows.
31. (currently amended) An article for pressurizing a fluid to be delivered, comprising:
- a product chamber comprising a fluid to be delivered,
 - a working propellant chamber having a movable wall in communication with the fluid and comprising a propellant at a working pressure, and

Applicant : Roland Frans Cyrille Cornelius Vanblaere

et al.

Serial No. : 10/542,831

Filed : September 22, 2005

Page : 9 of 13

Attorney's Docket No.: 17042-0006US1 / CMJ/MBX

P67265US00

a reservoir propellant chamber connected to the working propellant chamber by a pressure controller and comprising a propellant at a pressure higher than the working pressure;

wherein, upon release of fluid from the product chamber, the ~~moveable~~ movable wall moves to decrease a volume of the product chamber and the pressure controller delivers propellant from the reservoir propellant chamber to the working propellant chamber to ~~maintain~~ keep the working pressure within the working propellant chamber substantially constant.